

Application No. 10/613,608
Attorney Docket No.: LS-001

PATENT

A M E N D M E N T

IN THE CLAIMS:

Please **AMEND** Claims 2, 6, and 9 and **CANCEL** Claims 1, 7, 8, 10 to 12, and 14 so that the claims read as follows:

1. (CANCEL)

2. (CURRENTLY AMENDED) The apparatus of claim ~~1~~ 9 wherein the at least one light emitting diode array comprises a plurality of light emitting diode arrays, each light emitting diode array adapted to emit a different wavelength of light.

3. (ORIGINAL) The apparatus of claim 2 wherein each light emitting diode array includes a plurality of light emitting diodes and wherein light emitting diodes that emit different wavelengths are uniformly interdispersed.

4. (ORIGINAL) The apparatus of claim 3 wherein each light emitting diode is adapted to emit a wavelength of 625 nm, 660 nm, 735 nm or 880 nm.

5. (ORIGINAL) The apparatus of claim 3 wherein each light emitting diode is adapted to emit a wavelength of 350, 590, 660 or 880 nanometers.

6. (CURRENTLY AMENDED) The apparatus of claim ~~1~~ 9 further comprising a positioning device coupled to the at least one light emitting diode array and adapted to position the at least one light emitting diode array relative to a target area.

7. to 8. (CANCEL)

Application No. 10/613,608
Attorney Docket No.: LS-001

PATENT

9. (CURRENTLY AMENDED) ~~The apparatus of claim 8~~ An apparatus for use in light therapy comprising:

at least one light emitting diode array adapted to emit a wavelength of light;

a targeting mechanism coupled to the at least one light emitting diode array so as to allow light emitted from the at least one light emitting diode array to be repeatably positioned on a target area during non-contact light therapy;

an imaging mechanism adapted to record an image of a target area,

wherein the targeting mechanism is coupled to the imaging mechanism and includes at least one targeting light source, the at least one targeting light source adapted to allow the imaging mechanism to be repeatably positioned on a target area prior to image recording during each of a plurality of different non-contact light therapy treatments so as to provide clinically repeatable dosages sufficient to have a therapeutic effect, and

wherein the apparatus further comprising comprises a sequencer mechanism having:

a first position in which the at least one targeting light source is off and the imaging mechanism does not record an image;

a second position in which the targeting light source is on and the imaging mechanism does not record an image; and

a third position in which the targeting light source is off and the imaging mechanism records an image.

10. to 12. (CANCEL)

13. (PREVIOUSLY PRESENTED) An apparatus for use in light therapy comprising:

at least one light emitting diode array adapted to emit a wavelength of light;

a targeting mechanism coupled to the at least one light emitting diode array so as to allow light emitted from the at

Application No. 10/613,608
Attorney Docket No.: LS-001

PATENT

least one light emitting diode array to be repeatably positioned on a target area during non-contact light therapy;

an imaging mechanism adapted to record an image of a target area; and

a sequencer mechanism having:

a first position in which the at least one targeting light source is off and the imaging mechanism does not record an image;

a second position in which the targeting light source is on and the imaging mechanism does not record an image; and

a third position in which the targeting light source is off and the imaging mechanism records an image,

wherein the targeting mechanism is coupled to the imaging mechanism and includes at least one targeting light source, the at least one targeting light source adapted to allow the imaging mechanism to be repeatably positioned relative to the target area prior to image recording.

14. (CANCEL)

15. (PREVIOUSLY PRESENTED) A method comprising:

storing a first image of a treatment area at a time T1;
displaying a second image of the treatment area at a time T2;

positioning a light emitting diode array to provide a light therapy treatment to the treatment area at the time T2 based upon a comparison of the first and second images.

16. (PREVIOUSLY PRESENTED) The method of claim 15 wherein the positioning is further based upon information from a ranging mechanism.

Application No. 10/613,608
Attorney Docket No.: LS-001

PATENT

17. (PREVIOUSLY PRESENTED) The method of claim 15 wherein positioning the light emitting diode array is performed based on superimposing the second image on the first image.